Sonocaddie™

Golf GPS V500

User's Guide

Ⓒ 2010 Sonostar Inc. V.5.0.03_E

Welcome

Congratulations on purchasing the Sonocaddie V500. It is the easiest and most advanced golf GPS device available today with its intuitive and user-friendly design that includes many helpful functions and multiple ways of navigating. This User's Guide provides you with simple to understand instructions for operating your new golf GPS. Please read the entire User's Guide to fully understand exactly how each feature operates. To learn more about Sonocaddie, please visit www.sonocaddie.com.

The Sonocaddie V500 serves as your own personal golf caddie, guiding you through each hole on the course to get the precise distance information for you to play your best. Using sophisticated GPS satellite technology, the V500 determines the distance from any point on the course to the green and other strategic targets, even without a clear line of sight.

Accessories: You should have received the following items with your Sonocaddie package: Sonocaddie V500, Mini USB Cable, Rechargeable Battery, User's Guide, Belt Clip, AC Charger Wall Adaptor, and Carry Pouch.

Important Notice: Please read and follow the guidelines below. Failure to do so may result in misuse of the equipment and may be dangerous or illegal. Should you experience any problems with your Sonocaddie (e.g. malfunction/damage), please contact Sonocaddie Customer Service at www.sonocaddie.com. Do not attempt any repairs on your own as this may void the warranty.

Warnings:

- Sonocaddie performs best under a clear sky and with six satellite signals. Environmental factors (such as rain, dense clouds, fog, solar flares, high voltage electricity, cellular phone towers, etc.) may adversely affect the GPS reception. If the device is indicating less than six satellite signals, the Sonocaddie performance may not be optimal until the conditions change for better reception.
- Sonocaddie should not be used while driving any vehicle including golf carts. Always place Sonocaddie in a secure place to avoid any impact which could cause damage to it.
- The USB cable provided is solely for the use of Sonocaddie devices (see the accessory list). Do not connect any other cable for data

transfer as this could damage the data port (I/O port) on the V500.

- A full battery charge may take up to four hours, however, you should NOT charge device over 8 hours.
- If you do not plan to use the device for a long period of time (A week, a month or a year…), please remove the battery to avoid the battery leaking and corroding the battery case.
- In order to assure the quality and safety of the SD card, please do not take it out or put it in other device. If you have any problems with the SD card, please contact us. We are pleased to help you and answer your handheld golf GPS questions. (Note: Take the SD card out may cause the invalidation of warranty.)

Cautions:

- The Sonocaddie may take at least 10-15 minutes to receive satellite signals after you turn it on. This may take longer if the devise has been off for more than four hours, or if it is more than 100 miles away from where you last used the Sonocaddie.
- The Global Positioning System (GPS) is operated by the government of the United

States, which is solely responsible for its accuracy and maintenance. The system is subject to changes which could affect the accuracy and performance of all GPS equipment.

- Sonocaddie has a built-in GPS antenna at the top of the device. This antenna should face upward to gain the best signals and should not be covered with anything as this may affect the quality of reception and accuracy of the device.
- Trees and/or buildings may adversely affect coverage/reception levels and accuracy. Optimal performance will occur by staying in wide open areas.

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Chapter 1 - Getting Started

Before using the V500 for the first time, charge the battery for at least 4 hours. The battery should last approximately 12 hours under normal operation. To charge the V500, remove the back cover and insert the supplied rechargeable battery correctly as shown.

Warning: We recommend that you never charge the device over 8 hours.

Warning: To remove the battery Cover- use slight downward pressure and slide the cover toward the bottom of the unit. Do not pry from the bottom.

Warning: In order to assure the quality and safety of the SD card, please do not take it out or put it in other device. If you have any problems with the SD card, please contact us at sales@sonocaddie.com.

(1) Charge the device by connecting the USB cable to the charging port on V500 and your computer.

(2) Charge the device with the supplied AC Wall Charger Adapter or an optional 12V Car Adapter.

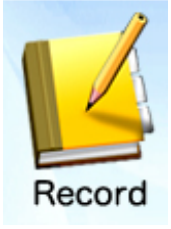
Chapter 2 – Introduction

2.1 V500 Features

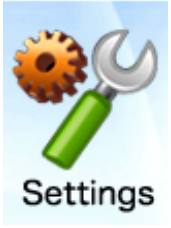
1. GPS Antenna
2. Power open / off Button
3. Screen Lock Button
4. Color LCD Screen
5. Left / Right Soft Key (Hole Selection Key)
6. USB Cable & Charging Port
7. Belt Clip Hook
8. Battery Cover

2.2 V500 Main Screen

Use “GPS” to get detailed information about satellite reception.

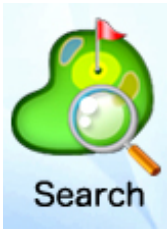


Use “Record” to view your track, scorecard and analysis information.



Use “Settings” to customize your individual preferences.

Use this “My Course” to store courses.

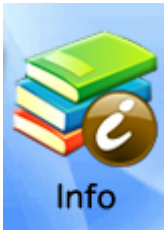


Use “Search” to search a course via miles or country.

Use “Preloaded Course” to select a course from the preloaded list.

Use “Demo” to preview demo functions.

Use “Link” to download courses.



Use “Info” to view the version information and credit status for the V500.

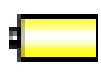
2.2.1 Screen Display Items

➢ Satellite Signal

Satellite signal	Accuracy
0~2	None
3~5	Poor
5~6	Fair
6~8	Good
8~10	Very Good
>10	Optimal

Important!
V500 performs best under clear sky conditions, with 6 satellite signals received, so it might be necessary to wait up to 15 minutes for these to be registered.

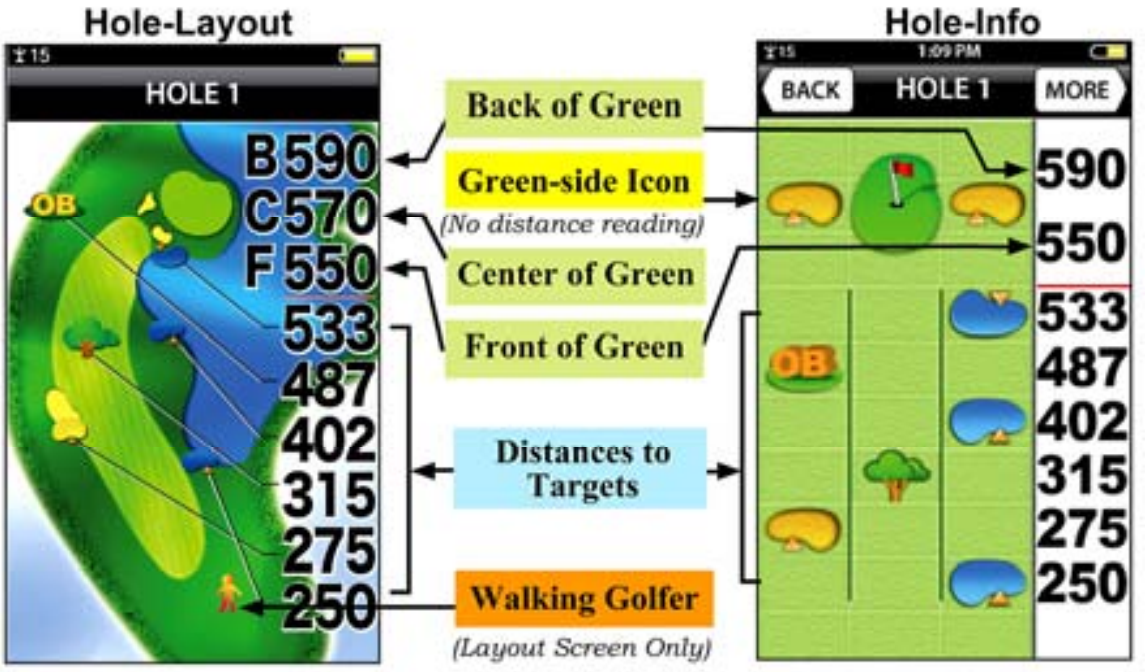
➢ Battery Level

Scale of power			
Conditions	Full	Low	Empty

2.3 Understanding Hole Screens and Targets Points

2.3.1 Hole-Layout and Hole-Info Screens

Below are the descriptions of hole-layout and hole-info screen on each specific feature.



Important!
If a Color Layout for a specific course is not yet available from Sonocaddie, the device displays the “Hole-Info” screen by default. You could also request it to mappingV500@sonocaddie.com; we are pleased to provide service for you

2.3.2 Targets Points

V500 provides 15 different icons (or targets) available for this screen.

Status explanation	Symbol
Bunker Front/ Back	
Water Front/ Back (includes major water hazards)	
＊ 2nd Green Front/ 2nd Green Back	
Creek (includes: river, ditch and stream)	
Trap	
Tree (includes: shrubbery and forest)	
Hills	
Lay-up area	
Out of Bounds (OB)	
Dogleg Left/ Right	
Rock	
Delete	

＊**Note:** For some courses that have two greens on one hole these icons provide distance for the extra green.

Chapter 3 – How to start V500?

3.1 Start your V500

Step1: Register a V500 Member Account

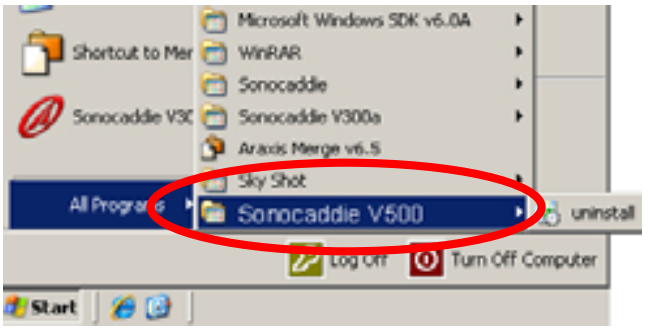
To use your V500 for the first time, you must have a V500 member account with computer and internet access. Simply obtain a member at www.sonocaddie.com/V500/member.html and select “Register.” Follow the on-screen instructions to finish the registration.

> Important!
> You need the Serial Number (S/N) of your V500 to register your member. It is located on the back of the V500 under the battery.

Step2: Install V500 software

Install V500 Driver from CD included or V500 website at www.sonocaddie.com/V500/Support.html if you do not have CD-ROM device.

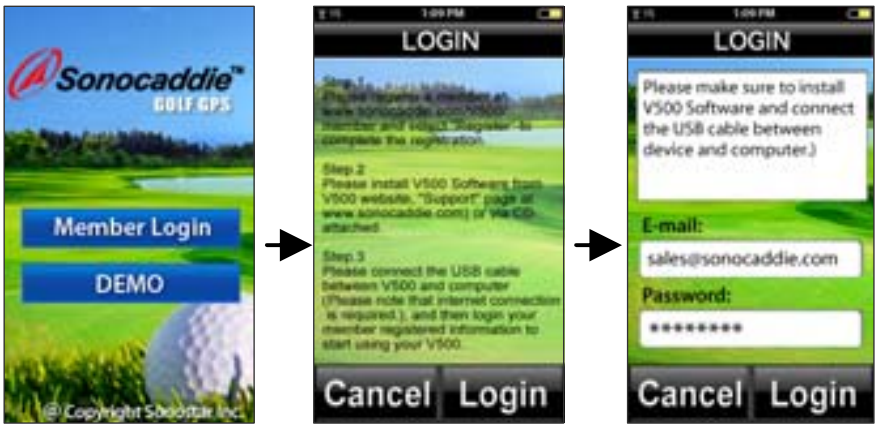
Note: The Driver is for connecting your V500 and computer only. Please check V500 driver from program files after completing the installation.



Step3: Login your Member Information in V500

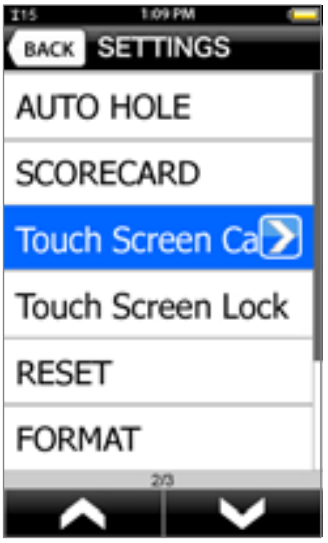
After completing the installation, please turn on V500 and connect the USB cable between V500 and computer (Please note that internet connection is required.), and then login your member information to start.

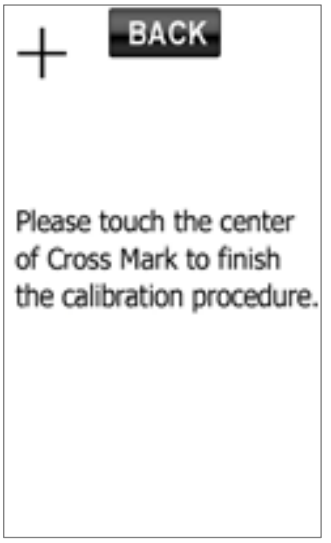
Note: The login process must be done using the touch screen keyboard in the V500. HINT: A golf tee will work well on the screen keyboard.



Step4: Calibrate V500 Touch Screen

The first time you use your Sonocaddie V500, please go to "Settings" in the Main Menu and select "Touch Calibration" to calibrate V500 Touch Screen.





3.2 Adjust the V500 Settings

The V500 has thirteen settings to customize your device. You can adjust the setting based on your preference.

Language: English/ Traditional Chinese/ Simplified Chinese/ Deutsch/ French/ Spanish/ Japanese
Time Zone: Set the correct time to your time zone (relative to Greenwich Mean Time-GMT).
Distance: Yard / Mile / Meter / Kilometer
Brightness: Off→Brightest
Backlight: 15sec / 30sec / 60sec / Always On
Track: On / Off (refer to Chapter 5.2.1)
Track Interval: 10sec / 20sec / 30sec/
Auto Hole: On / Off
Scorecard: Normal / Pro

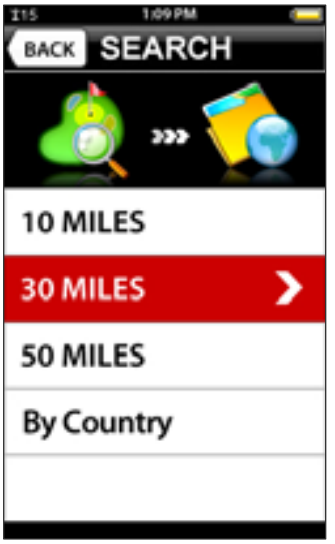
Calibration: Touch the center of cross mark to calibrate your screen.
Screen Lock: 15sec / 30sec / 60sec/ Always Off
Reset: No/ Yes
Format: No/ Yes

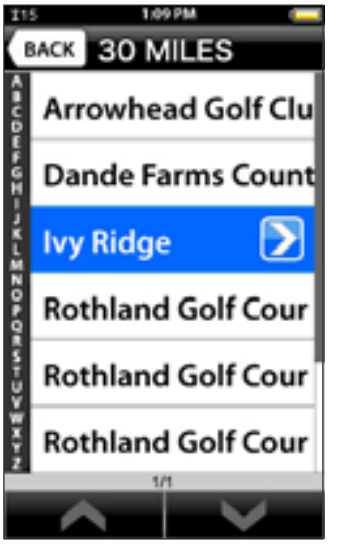
Chapter 4 – How to play?

4.1 Start with Preloaded Courses

4.1.1 Course Auto Search

Select "**Search**" from the "Main" menu and then select a range from 10, 30, 50 miles and all courses within the area will be displayed. The nearest course will be on top of the list. You can also search the course by country (Refer to 4.1.2).





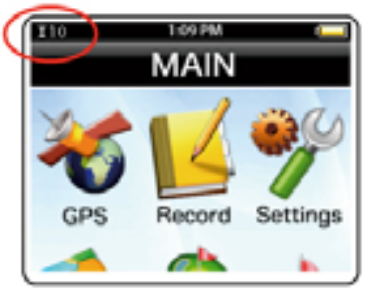
4.1.2 Search Courses from “Preloaded Course”

Select “Preloaded Course” from “Main” menu to enter the search function.

Search course by selecting “Country”, “State” and “City”, and then you will see all the available courses within the area.

Important!

V500 performs best under a clear sky and with six satellite signals or more“ ”



(You can see the satellite reception on the left top of the main screen.)

Environmental factors (such as rain, dense clouds, fog, solar flares, high voltage electricity, cellular phone towers, etc.) may adversely affect the GPS reception.

4.2 Download New Courses

The color course layouts in your country are preloaded in V500. If the courses you play are not in the device, please email to mappingV500@sonocaddie.com. We are pleased to map them for you. After we notify you that the course is available to download, please follow the steps below to download the course into your V500.

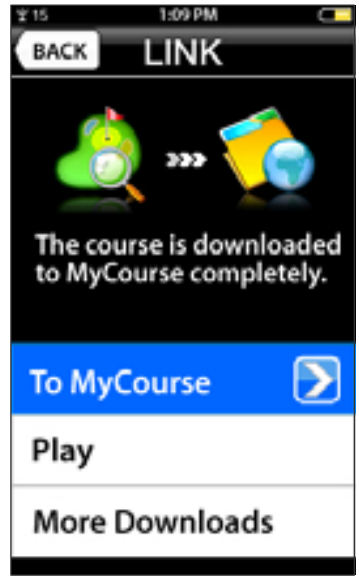
Step 1: Connect the USB cable between V500 and computer (Please note that internet connection is required.), and then select “Link” from Main menu to start the linking.

Step2: Key in your password (your email account will be defaulted when you login in V500 first time) with the screen keyboard and then press “Login” to connect Sonocaddie course data.

Step3: Search the “Country, State, and City” to get the course list and select the course you want to download. (NOTE: The course you download will be stored in the “My Course” folder.)

Important!
The "My Course" Folder can hold the following: Up to 100 courses with color layouts and satellite imagery.

Note: The number of courses downloaded depends on the size of each course file, especially video flyover.



Color layout	Satellite Imagery	Video Flyover

Important!
No icon on the list indicates that only displays the “Hole-Info” screen with yardage guide by default.

Important!
A course package (credit) is required if you would like to download the Satellite Imagery & Flyover. Please refer to www.sonocaddie.com/V500/Member.html for more detailed information.

4.3 Carrying the Sonocaddie V500

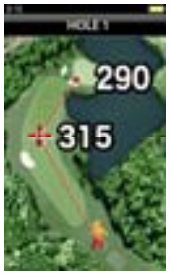
Slide the hook on the back of the Sonocaddie V500 into the clip until you hear a “click” sound. To remove the Sonocaddie, press the button on top of the clip down and slide Sonocaddie upward out of the clip.
Attach the belt clip to your belt, clothing or golf bag or V500 can be mounted to a golf cart with optional golf cart mounts.

Important!
Please make sure the belt clip or mount is securely fastened and the V500 is firmly attached for maximum security.

Chapter 5 – Using the Sonocaddie V500 during a Round

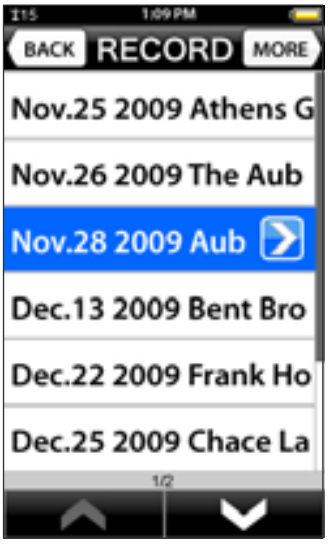
5.1 Functions on Hole Screen

Functions	Descriptions
	Press Mark and the distance displays “0”, and changes as you move. When you reach the ball, press Mark again to lock the number (the background of Mark will turn Red) and see the actual distance of the shot.
	Press Flyover and will have a 5-second overview of the entire hole from tee to green showing you the direction and description of fairway.
	Press Score and input your score by pressing the number of strokes for that hole. To see your round score so far select “ ” (See more on 5.2.2).
	Press Satellite and will see the satellite imagery with yardage information.
	Press Shot Track to record each shot location for future reference.

	Press Icon Off/On to turn hazard icons on or off in the color layout / satellite imagery.
	Press Edit to change the course information in your “My Course” with adding or deleting some of the reference points as the course may change over time. (Please refer to Chapter 6.)
	Press Color Layout to exchange the screen from satellite imagery to color layout.
	**Touch Point Positioning** Touch any point on the color layout / high resolution satellite imagery of the hole to see the distance from you to that point- and from that point to the green.

Important!
1. To use “Mark”, you must have satellite reception.
2. A course package must be purchased to view the Satellite Imagery and Flyover. Please refer to www.sonocaddie.com/V500/Member.html for more detailed information.

5.2 View Stored Information



Select “Record” from “Main” menu to enter a course in date order to view the Track, Scorecard, and Score Analysis. V500 stores scorecards you played for up to 100 rounds.

5.2.1 Track Your Game Feature

Auto Track Only

Turn Auto Track on from “Settings” and then choose the desired interval from “Interval”. When set on, Auto Track automatically records your actual route around on the course on the Hole-Layouts as you play.

Track Interval	Recording Capacity
10 SECONDS	5 hours
20 SECONDS	11 hours
30 SECONDS	16 hours

Shot Track Only

“Shot Track” records your specific shot locations as you play. (You must manually record shot locations as you play.)

Auto Track & Shot Track

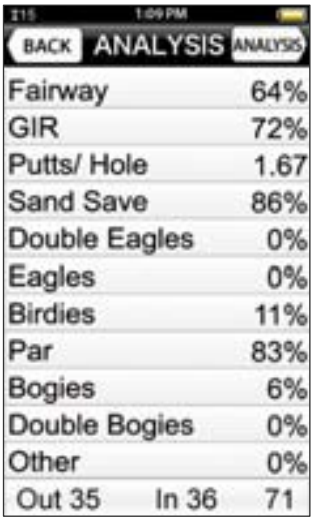
This records both Auto track and Shot Track.

Important!
Shot Track & Auto Track only work if the course has a “Color Layout” and the Color Layout screen for the hole is displaying the Walking Golfer symbol.

5.2.2 Use the Digital Scorecard

The "Normal" scorecard records your strokes only by hole and provides a total for the front nine (out), back nine (in) and 18-hole round.

The "Pro" scorecard records your strokes, putts, fairways hit, and sand saves by hole. You can make any change on the scorecard by selecting the hole number and pressing the numeric score for that hole when the scoring choices appears.



Pro Scorecard offer analysis of your round by selecting "Analysis".

Important!
For the V500 to accurately calculate Greens in Regulation (GIR), you must enter the Strokes (S) and Putts (Pt) for every hole. Fairway and Sand Save percentages automatically calculate according to your scores and the Yes/No response you entered on each hole.

5.2.3 Delete Scorecards and Tracks

Select a course from the list on “Record”, and press “More” and then “Delete” or “Delete All”. When deleting this information, both track and scorecard will be deleted together.

Chapter 6 – Editing an Existing Course

With the V500, you can also make instant changes to the given course information right on the spot.

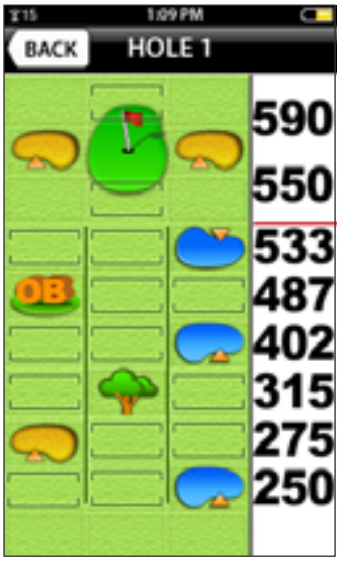
Important!
You can only edit the course which is downloaded in the “My Course” folder. To place courses into My Course, please see Chapter 7 “My Course”.

6.1 Understanding the Edit Screen

To view the Edit Screen, select “More” and then “Edit.” The Edit Screen has eight available horizontal rows to locate GPS targets for distance readings; six for on/off fairway targets and two for the front and back green targets. Each row can only contain one target in one of the three positions, Left-Center or Right. There is one GPS target location for the front of the green and one for the back. Note that the green center is automatically calculated by V500 based on the recorded front and back points. Each green has two additional green-side targets to display a visual marker. These do not give a distance reading, nor do they appear on the Hole-Layout screen since this view already provides a full-color, graphical view of the hole.

Hole-layout Screen

Hole-Info (Edit) Screen



6.2 Edit an Existing Target on a Hole

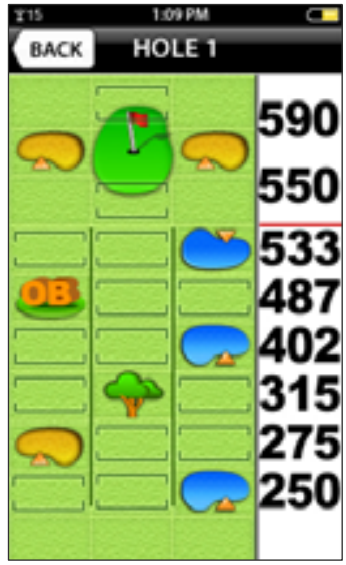
The Edit feature is available any time for courses in your “My Course” folder. If you need to correct a distance reading or want to change a given target on the hole while playing, simply follow the edit process below to change or update a target.

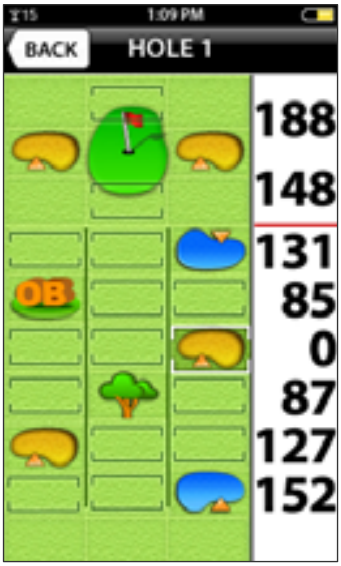
> Important!
> To use the Edit feature, you must be on the course and the Sonocaddie should have good satellite reception (six or more satellites).

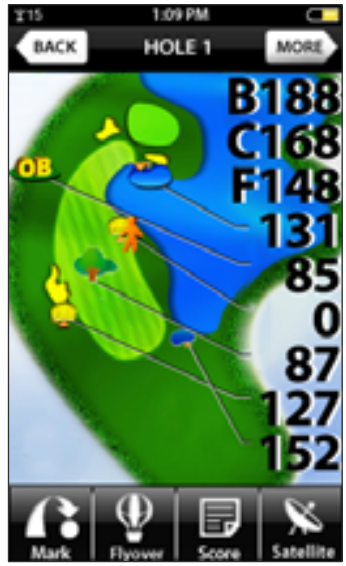
Step 1: Select “More” and then “Edit” to view the Edit Screen.
Step 2: Stand at the target on the course and select one of three locations (Left-Center-Right) per row that you want to edit.
Step 3: From the Icon list choose the specific target icon that you would like enter into the screen location you chose in Step 2. (Note the distance reading may disappear when you are standing within 5 yards of the target.) The distance reading should immediately changes to a “0” to indicate an accurate location.

Step 4: Press “Back” to view the changes on Hole-Layout screen.

> Important!
> Before choosing the target, be sure you stand still for five seconds at the target location so the V500 can pin-point that position.







6.3 Add a New Target to a Hole

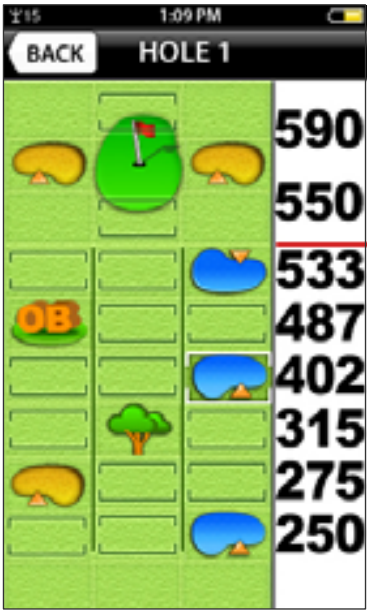
To add a new target, follow the editing steps above. The V500 lets you customize any hole when you want more information while playing, such as knowing where to layup or determining the distance to a certain tree, dog-leg, etc.

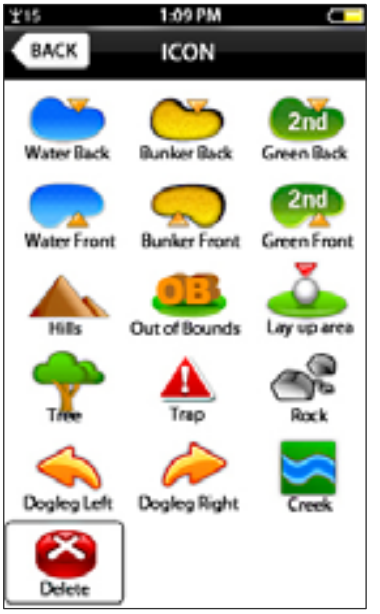
Tip: To make reading distances on Hole-Layout or Hole-Info screens easier, be sure to record targets on the Edit Screen in the same order they appear on the hole(Bottom closest to tee- top closest to green). Also if you add a new target to a row that already has one, the old target will disappear from the screen and the new one will appear instead.

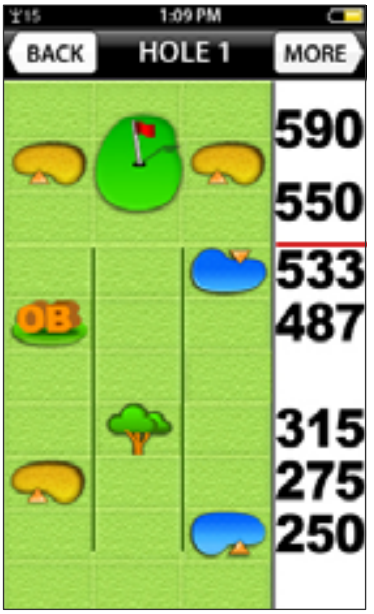
6.4 Delete a Target on a Hole

Deleting a target is simple and you don't have to be on the course. From any hole on the V500, select "More" and then "Edit" to view the Edit Screen, and select the Target Icon you want to delete. When the "Icon Screen" appears, select the "Delete" icon and the target will disappear from the hole.

1:09 PM
BACK
HOLE 1
MORE
B590
C570
F550
533
487
402
315
OB
ShotTrack
Icon On
Edit
Mark
Flyover
Score
Color Layout


1:09 PM
BACK
HOLE 1
590
550
533
487
402
315
275
250
OB


1:09 PM
BACK
ICON
Water Back
Bunker Back
2nd
Green Back
Water Front
Bunker Front
2nd
Green Front
Hills
OB
Out of Bounds
Lay up area
Tree
Trap
Rock
Dogleg Left
Dogleg Right
Creek
Delete


1:09 PM
BACK
HOLE 1
MORE
590
550
533
487
315
275
250
OB

1:09 PM
BACK
HOLE 1
MORE
B590
C570
F550
533
487
315
275
250
OB
Mark
Flyover
Score
Satellite

Chapter 7 – Managing Courses

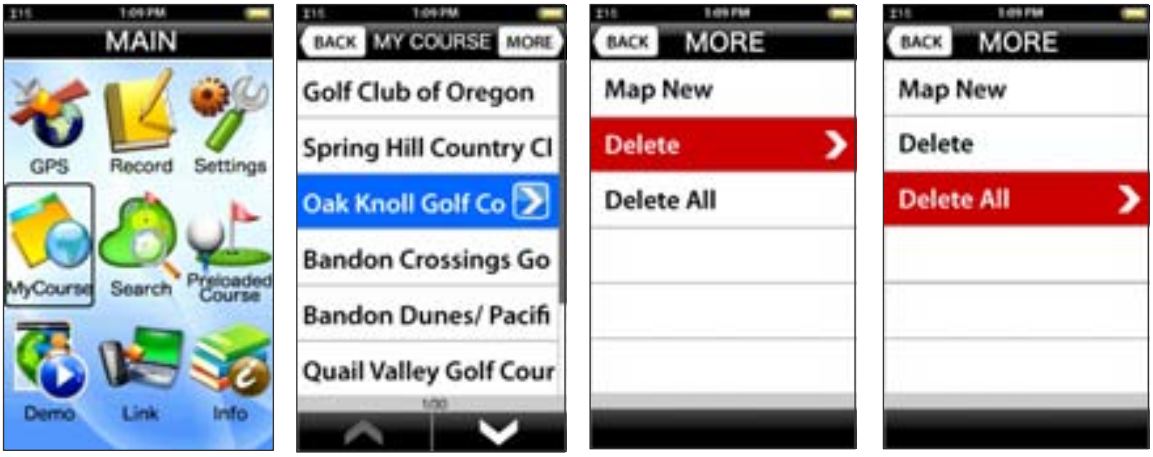
7.1 My Course

To put a course in “My Course” the V500 must be linked to the Internet. Connect the V500 to the computer and log in. Select from the “Main” menu, select which “COUNTRY” the course is located in, by pressing the arrow on the right of screen. Do the same with the “STATE” and “CITY”. Choose the course from the “LIST”. Press “Color Layout”. Then “Download this course? Yes or NO?” will be displayed. Press “Yes”. If downloading is complete select “To My Course” or “Play”. If more courses are wanted in “My Course” go to “More Downloads”.

7.2 Delete a Course

From the “Main” menu, select “My Course” to see the course list. Select a course and press “More” to see the options. Select either “Delete” to delete the selected course or “Delete All” to delete all courses in the course list

Important!
Deleting a course only deletes courses from your "My Course" folder. It does not delete any Scorecards stored in the V500 so you can still review these at any time.

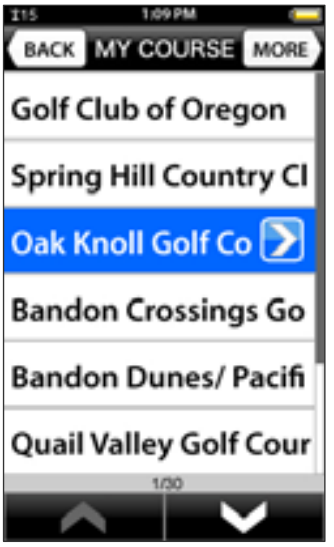


7.3 Create a New Course

Creating a new course map works just like the edit process in Chapter 6.3, except the Edit Screen is blank when you start. By following the steps below, you can create your own custom layout for any hole on a new course. You can only view a new course using the "Hole-Info" screen and you must be on the course to map the targets.

7.3.1 Name the New Course

To create a new course which is not in Sonocaddie database, open “My Course”, select “More”, and then select “Map New”. Enter a new course name with screen keyboard. The backspace key (⬅) on the keyboard can erase letters. When finished, press “Done” to save the name. After you save the new course name, the “Select Hole” screen immediately appears. The new course name also automatically appears on your course list.



7.3.2 Map Targets on the New Course

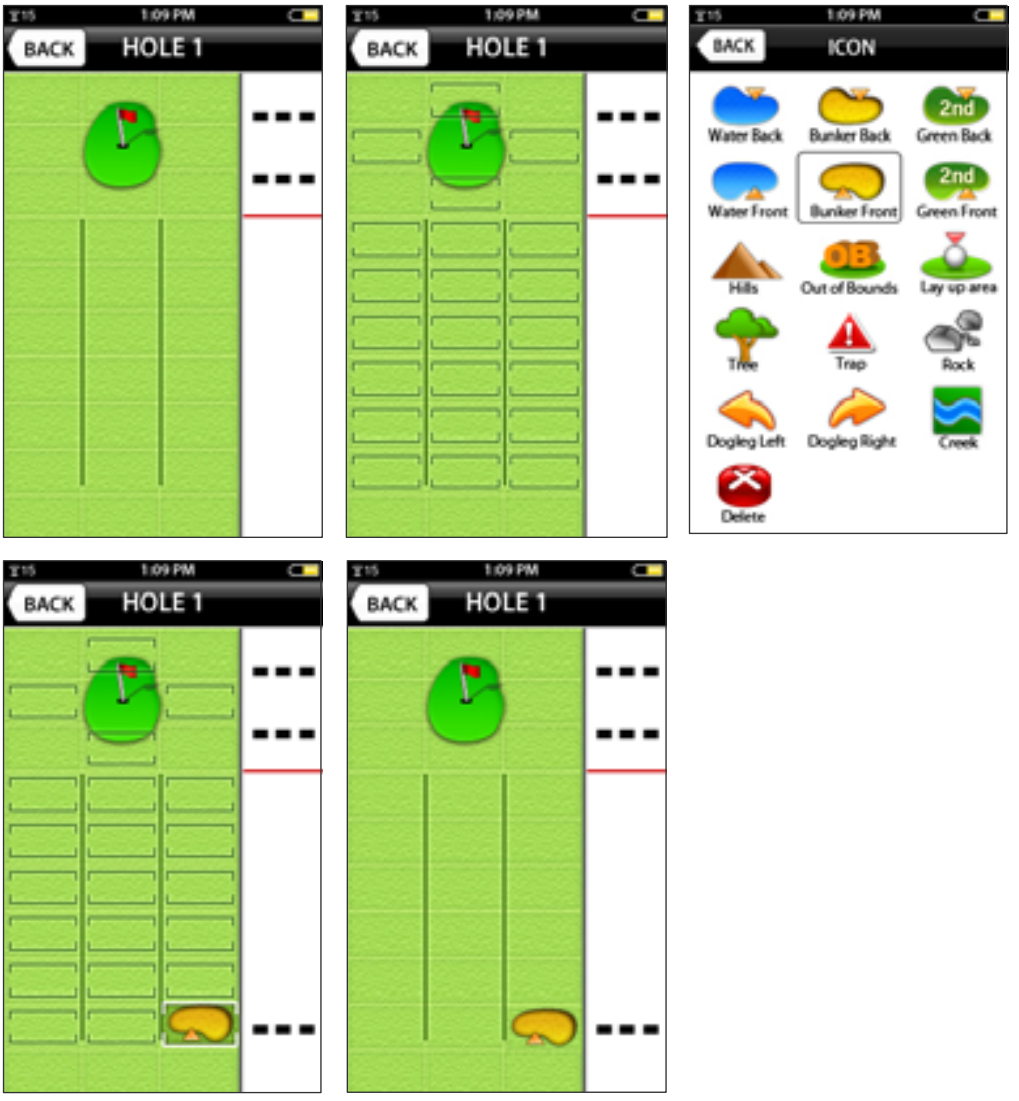
Mapping a new course with the V500 is easy. Simply repeat the following steps each time you want to add a target to a hole for a new course.

Step 1: Select a hole and then press the “Edit” to view the Edit Screen.

Step 2: Select an empty location on the Edit Screen where you want to record the new target, and the “Icon Screen” for targets becomes visible. (Refer to Chapter 2.3.2 for Targets Points) Select the target you want to add for that hole. You can record one target per row, one front green and one back green location, and two separate green-side icons.

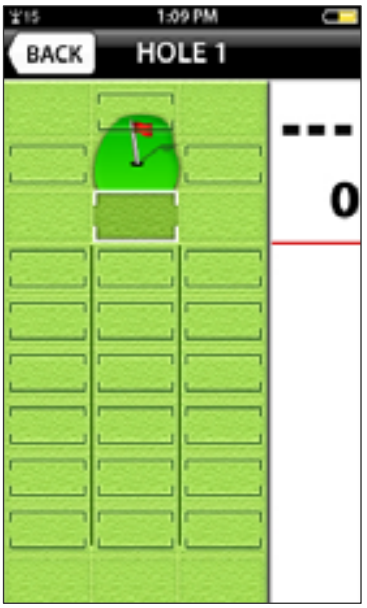
Step 3: After the mapping is finished, go back to “Hole-Info” screen. The icon now appears on the Hole-Info screen and the distance to this location changes as you move around the course.

Important!
Before pressing any target, be sure you stand still for five seconds at the reference point location so the V500 can pin-point that position. After you select record, the distance reading immediately changes to “0” to accurately record this location.

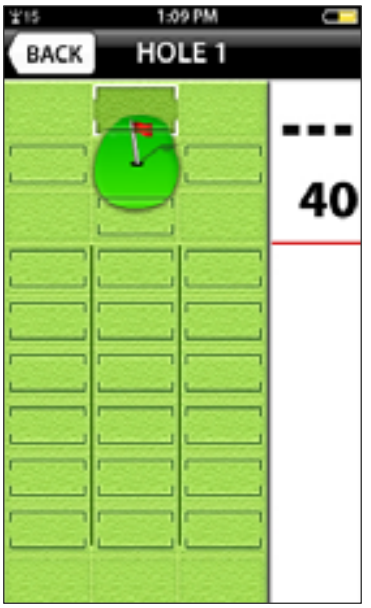


Step 4 - Green Targets: To set the green front location, stand at the front of the green, select and press the front green location on the Edit Screen, and a “0” reading appears. Move to the back of the green, select and press the section on back of green. The device automatically calculates the center location based on the front and back locations. To

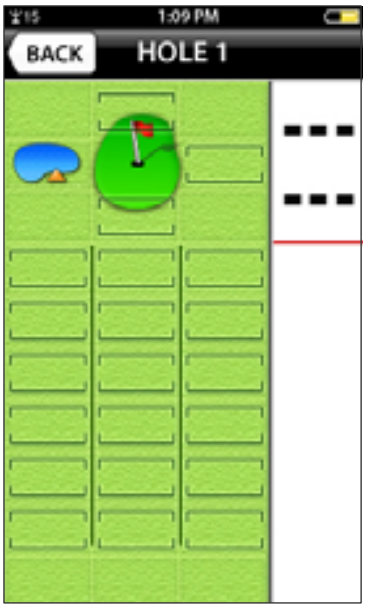
add a green-side icon (which does not provide distance information), select to either green-side location to view the Icon Screen, and choose the icon you want to display.



Green Front



Green Back



Green-Side

Appendices

A. Specifications

• Size	H 116mm × W 57mm × T 20mm (H 4.6” × W 2.3” × T 0.8”)
• Weight	129g (4.57 oz)
• Screen	3" (240 x 400 Pix) High-Resolution Color LCD w/ Backlight
• Operating Temperature	Maximum 60 º C / 158 º F; Minimum 0 º C / 23 º F
•Maximum Preloaded Courses	30000
• Battery	Rechargeable o 12hours in normal operation (may vary with backlight duration) o Charging Time: 8 hours in operation mode, 5-6 hours in off mode
• Acquisition Rate Cold start	Approx 5~10 minutes
• Accuracy	3 Meters CEP (80%), 7 Meters CEP (90%) horizontal, SA off
• GPS Receiver	Built-in High Sensitivity GPS Antenna
• Durability	Waterproof, IPX3

B. Membership
For more detailed information, please refer to www.sonocaddie.com/V500/member.html.

C. System Requirement (Computer access not required when self-mapping.)
• XP/Vista/Windows 7
• CD-ROM
• 512 MB RAM (XP)
• 1 GB RAM (Vista) or higher
• 12 MB or more hard disk space

D. Abbreviations

B = Back
C = Centre
F = Front/Fairway
GIR = Green in Regulation
GPS = Global Positioning System
Lat = Latitude
Lon = Longitude
P = Par
Pt = Putt
Sd = Sand trap
S = Score
H = Hole

Frequently Asked Questions (FAQs)

You can also find answers to FAQs at the Sonocaddie website: www.sonocaddie.com/.

Q1. What do I do when my Sonocaddie is not detecting a signal?

Answer: The GPS unit must be used in open-sky areas and away from buildings (such as club house), deep forest, or cliff sides. Otherwise it won't receive GPS signals and will show nothing on the display. After power-up, a number/bar will appear on the upper-left corner of the screen, which is the number of satellites received. If showing "X", it means no signal.

In addition, it takes several minutes to receive stable signal after power-up even under an open-sky. If there is still no signal, please check your battery life displayed on the screen. As a last resort, try restarting your Sonocaddie.

If you are on the course, all distance numbers will automatically show on the screen. However the limit of displayed yardage is 999 yards. Therefore any distance beyond 999 yard will show 999 only. If the unit shows "— —" when the satellite is available, it means that the distance within 0~5 yards.

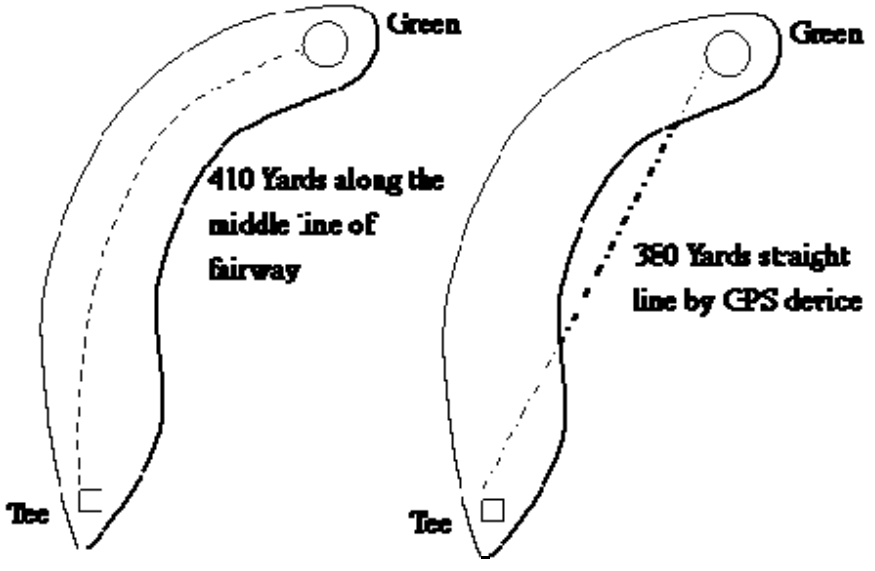
Q2. How can I track my driving distance?
Answer: Simply press a button to record the beginning coordinates of your shot and the end coordinates of your shot and Sonocaddie will accurately calculate the shot distance. This is the ‘straight-line’ distance between the starting and end points and does not take the shape of the fairway or the shape of the shot into consideration. Please consult the user guide for more details.

Q3. Can I connect my Sonocaddie to other computer devices?
Answer: Apart from the computer systems approved by Sonocaddie, we do not provide any assurances, and advise against attempting to connect it to any non-approved devices.

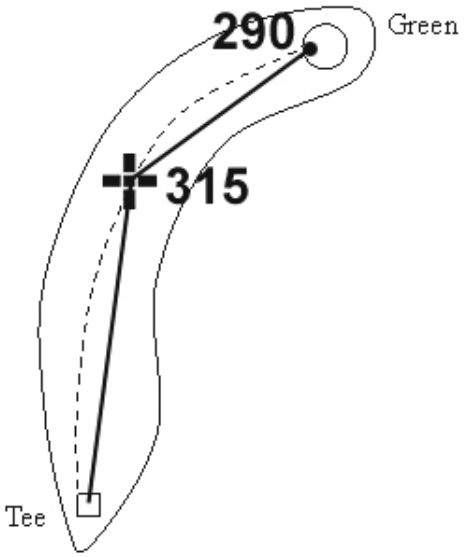
Q4. Why is the distance of the course marker different from the distance measured by Sonocaddie?
Answer:
1. First, please make sure that the distance unit either in Sonocaddie or the course is the same (i.e. “YARDS” vs. “METERS”). If they are different, please go to ‘Settings' in main menu and select “Yard” or “Meter” as the right unit.

2. Some courses measure the distances by using laser equipment. If the Green and Tee box are not at the same horizontal level, the yardage numbers could be different from those of Sonocaddie. Most Golf GPS devices measure the distance only in horizontal level, which is more useful for golfers than straight-line of laser unit.

3. Some courses measure the distance from tee box to the green along the middle line of fairway. For example, the distance on the tee mark or scorecard shows 410 yards, but Sonocaddie only shows 380 yards. Touch Point technology in the Sonocaddie V500 can be used to give a better measurement of the distance along the centerline of the fairway, if desired.



4. Touch Point technology in the V500 can be used to give a better measurement of the distance along the centerline of the fairway, if desired. You can touch any point to see the distance from you to that point- and from that point to the green.



Q5. Will I lose my data when the power goes off on my Sonocaddie?

Answer: The data you store in your Sonocaddie will never be lost unless you edit or erase it on purpose.

Q6. Why are the distances shown on Sonocaddie incorrect for each hole on this course?

Answer. Please check the GPS reception on the GPS Status screen at the time to be sure you have at least 6 stable satellite signals. Also check the Settings

menu (Wrench icon) to be sure the distance units (yard or meter) are correct.
In addition, the distance in GPS device is not related with the locations of tee boxes. The distance is calculated based on the difference between your position (the “apparent” position) and the known position. The apparent position is the moveable location of the GPS device which receives the signal. The known position is the position of the target or reference point.
The known position is fixed and is the coordinates, such as bunker and green, downloaded from the database of the Sonocaddie website. Therefore when you stand by the tee box (apparent position of GPS device you carry), the unit will calculate the distance between you and the green or known position.

Q7. Can I connect Sonocaddie to Mac OS?
Answer. Sonocaddie is not compatible with Apple Mac OS systems including X Leopard and Windows XP under Virtual PC.

Q8. Why I can not use the functions of satellite imagery and video flyover?
Answer. Please check your credits status. At least

one course credit is required if you would like to download the Satellite Imagery and Video Flyover. Please refer to www.sonocaddie.com/V500/member.html for more detailed information.

Q9. Why I can not download the course data?
Answer.
1. V500 software must be installed on your computer before your first use of V500. If you haven't installed software yet, please go to V500 website "Support" page at www.sonocaddie.com) or via CD included to install V500 software.

2. The V500 must be linked with your computer using the USB cable. Please check the connection of USB cable and make sure you have internet access. Insert the mini-end of the supplied USB cable into the USB port of V500 and then connect the other end of the cable to the USB port on your computer (note: internet connection is required.)

3. Please check your credits status. At least one course credit is required if you would like to download the Satellite Imagery and Video Flyover. Please refer to

www.sonocaddie.com/V500/member.html for more detailed information.

Q10. What do I do if the touch screen is not accurate?

Answer. From the touch screen must be calibrated, please go to the “Settings” menu on the main screen, and touch the center of each Cross Mark to finish the calibration procedure. If the calibration fails or you need further help, please contact us. We are pleased to help you.

Q11. Can I take the SD card out? What happens if I take the SD card out?

Answer. In order to assure the quality and safety of the SD card, please do not take it out or put it in another device. If you have any problems with the SD card, please contact us. We are pleased to help you and answer your handheld golf GPS questions. (Note: Take the SD card out may cause the invalidation of warranty.)

Regulatory Agency Compliance
Federal Communications Commission (FCC)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTICE The FCC warns that user modifications of this device without the express approval of Sonostar Inc. could void the user's authority to operate the device.